Seema Rao

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  Search statement   2

?us6002916/pn

  ** SS 2: Results 1

  Search statement   3

?prt max legalall

  1/1 PLUSPAT - (C) QUESTEL-ORBIT
  PN  - US6002916 A 19991214 [US6002916]
  TI  - (A) Space-based server network architecture
  PA  - (A) LOCKHEED CORP  (US)
  IN  - (A) LYNCH WILLIAM CHARLES  (US)
  AP  - US2783898  19980223  [1998US-0027838]
  PR  - US2783898  19980223  [1998US-0027838]
  IC  - (A) H04Q-007/00
  EC  - H04B-007/185S
  PCL - ORIGINAL (O) : 455013100; CROSS-REFERENCE (X) : 455012100  455013200
        455427000
  DT  - Basic
  CT  - US4375697; US4612546; US5592320; US5722042; US5867109; US5867783;
        US5920804; US5924014
  STG - (A) United States patent
  AB  - A space-based server network architecture (1) which permits on demand
        transfer of mission and control data between client satellites (14) in
        an orbit about earth and an earth station (20, 22, 24, 26)
        irrespective of the location of the client satellite (14) relative to
        the earth station (20, 22, 24, 26). The architecture includes a
        plurality of server satellites (10) located spaced apart in a earth
        orbit above the orbit of the client satellites (14). The server
        satellites (10) provide substantially total world-wide communications
        coverage to and connectivity with designated and authorized earth
        stations (20, 22, 24, 26) and the plurality of client satellites (14).
        Each server satellite (10) includes: a communications downlink (18,
        18a, 18b) for providing intercommunication with designated and
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authorized earth stations within its field of view; communications crosslinks (12, 12a, 12b) for providing intercommunications with other server satellites within its field of view; and communications links (16, 16a, 16b) for providing intercommunication with a client satellite within its field of view. Client satellite control data originating from an earth station is passed directly to an accessible server satellite, which then passes the control data either directly to the intended client satellite if within its communications field of view, or forwards the control data to a server satellite having direct communications access to the intended client satellite. Mission data from a client satellite can at any time be transmitted to a designated earth station, irrespective of its location on earth, by transmitting first to a server satellite within its communication field of view, where the mission data is then either downlinked directly to the designated earth station if within its communications field of view, or transmitted to a server satellite having communications downlink access to the designated earth station.

1/1 LGST - (C) LEGSTAT
PN - US 6002916 [US6002916]
AP - US 27838/98 19980223 [1998US-0027838]
DT - US-P
ACT - 19980223 US/AE-A
APPLICATION DATA (PATENT)
{US 27838/98 19980223 [1998US-0027838]}
- 19991214 US/A
PATENT
- 20020326 US/RF
REISSUE APPLICATION FILED
20011114
UP - 2002-14

1/1 CRXX - (C) CLAIMS/RRX
PN - 6,002,916 A 19991214 [US6002916]
PA - Lockheed Martin Corp
ACT - 20011114 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020326
REISSUE REQUEST NUMBER: 09/987338
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2746

Reissue Patent Number:

1/1 PAST - (C) PAST
AN - 200213-001633
PN - 6002916 A [US6002916]
OG - 2002-03-26
ACT - REISSUE APPLICATION FILED

Search statement 3

LEVEL 1 - 1 OF 1 PATENT

6,002,916

<=2> GET 1st DRAWING SHEET OF 4

Dec. 14, 1999

Space-based server network architecture

REISSUE: Reissue Application filed Nov. 14, 2001 (O.G. Mar. 26, 2002) Ex. Gp.: 2746; Re. S.N. 09/987,338

CORE TERMS: satellite, server, architecture, network, earth, mission, station, orbit, designated, terrestrial...

6,002,916 OR 6002916

LEXIS-NEXIS
Library: PATENT
File: CASES

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6,002,916 OR 6002916

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6,002,916 OR 6002916

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5/39/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat

15617705
Basic Patent (No,Kind,Date): US 6002916 A 19991214 <No. of Patents: 001>
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
US 6002916	A	19991214	US 27838	A	19980223	(BASIC)

Priority Data (No,Kind,Date):
US 27838 A 19980223

PATENT FAMILY:
UNITED STATES OF AMERICA (US)
Patent (No,Kind,Date): US 6002916 A 19991214
SPACE-BASED SERVER NETWORK ARCHITECTURE (English)
Patent Assignee: LOCKHEED CORP (US)
Author (Inventor): LYNCH WILLIAM CHARLES (US)
Priority (No,Kind,Date): US 27838 A 19980223
Applic (No,Kind,Date): US 27838 A 19980223
National Class: * 455013100; 455013200; 455012100; 455427000
IPC: * H04Q-007/00
Derwent WPI Acc No: * G 00-115333; G 00-115333
Language of Document: English
UNITED STATES OF AMERICA (US)
Legal Status (No,Type,Date,Code,Text):

US 6002916	P	19980223	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 27838 A 19980223
US 6002916	P	19991214	US A	PATENT
US 6002916	P	20020326	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20011114

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